NATEF TASK SHEET --- SECTION A.6 A.7,13 B.1 P-1

$\underline{A6A12: Key\ OFF\ Parasitic\ Draw\ Test}$ (Is the battery being drained?)

	_ Date:	Period:	
Year:	Make:	Model:	
Transmission:	Produc	ction Date:	
Student will determine if an	n abnormal "Paras	itic Battery Draw" is present.	
2. Hand tools, DVOM	w/Ammeter		
Check battery <i>state of char</i> Check DVOM for proper of from ignition. Make sure all doors are closed and hood libattery negative cable. Put is in the proper socket on Discourse (-) post. Touch positive lear milliamps measured. Check Note Results Below. Reconstations and alarm. (where a	ge volts. If peration. Turn ignal electrical device light is disconnected DVOM on 10 amovOM. Touch DVOM to negligible again after five annect battery negative.	f less than 12.4 volts, <i>charge bata</i> nition key OFF and remove keys s and lights are OFF. Make sure ed (where applicable). Remove up scale and make sure positive let/OM negative lead (black) to bat gative battery cable end. Note minutes.	tery. all ead
m milliamp draw specifications measured so measured after five minuted FAIL cumstance would a technician p	correct way DVOM to des draws on be illustration a	to hook up + check for attery at right.	
	Transmission: Student will determine if and 1. EYE PROTECTION 2. Hand tools, DVOM 3. Vehicle (see instruction of the search	Transmission: Productions Production Student will determine if an abnormal "Parase 1. EYE PROTECTION 2. Hand tools, DVOM w/Ammeter 3. Vehicle (see instructor) WEAR EYE PROTECTION! Use fender of Check battery state of charge volts. If the Check DVOM for proper operation. Turn ignificant Check DVOM for proper operation. Turn ignificant If the proper socked and hood light is disconnect battery negative cable. Put DVOM on 10 amis in the proper socked on DVOM. Touch DV (-) post. Touch positive lead of DVOM to negative Note Results Below Reconnect battery negative stations and alarm. (where applicable) Draw Test Results: Draw diagree correct way DVOM to dead to so measured Draw diagree correct way DVOM to dead the correct	2. Hand tools, DVOM w/Ammeter 3. Vehicle (see instructor) WEAR EYE PROTECTION! Use fender cover, seat covers, and floor mats Check battery state of charge volts. If less than 12.4 volts, charge bate Check DVOM for proper operation. Turn ignition key OFF and remove keys from ignition. Make sure all electrical devices and lights are OFF. Make sure doors are closed and hood light is disconnected (where applicable). Remove battery negative cable. Put DVOM on 10 amp scale and make sure positive less in the proper socket on DVOM. Touch DVOM negative lead (black) to bate (-) post. Touch positive lead of DVOM to negative battery cable end. Note milliamps measured. Check again after five minutes. Note Results Below. Reconnect battery negative cable and reset clock, radio stations and alarm. (where applicable) Draw Test Results: m milliamp draw specifications os measured after five minutes Draw diagram showing correct way to hook up DVOM to check for draws on battery illustration at right. Draw diagram showing correct way to hook up DVOM to check for draws on battery illustration at right.

YOUR RECOMMENDATIONS:

INSTRUCTORS EVALUATION

LEVEL OF SKILL ATTAINED	Initial	OVERALL SKILL EVALUATION	Points	
DEMONSTRATES MASTERY (5)		DOCUMENTATION COMPLETENESS (1)		
PERFORMED INDEPENDENTLY (4)		SAFETY COMPLIANCE (1)		
CAPABLE, NEEDS PRACTICE (3)		Work Professionalism (3)		
Assisted in Performing (2)		LEVEL OF SKILL ATTAINED (1-5)		
EXPOSURE, OBSERVATION (1)		Total Score		
Instructor's Signature:				

A6A12_2011 PARASITIC DRAW TEST / 11-26-11 / vdb